

# Application Specific Integrated Circuits - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Application Specific Integrated Circuits Market is expected to grow at a CAGR of 10.2% during the forecast period. Some of the factors such as rising demand in the consumer electronics sector owing to the energy efficient solutions and low cost of implementation are fueling the market growth. However, high price of producing customised circuits is limiting the market growth. Application Specific Integrated Circuits market provides ample opportunities to the ongoing technological advancements in the field of integrated circuits.

Application specific integrated circuits are defined as microchips which are designed for specific applications within an electronics device. It is an optimal replacement for the traditional FPGA (Field-Programmable Gate Array) due to their high performance and low power consumption. In addition, it has high acceptance in manufacturing of flat panel displays such as global positioning system. Its features such as compact size, lightweight, affordability, high-bandwidth and a better battery life ensure its use in a wide array of applications.

Amongst End User, Industrial segment accounted held significant market share during the forecast period. The significant usage of these circuits in industrial applications including Micro-Power 555 Programmable Timer, Thermal Controller, and 8 Bit Microcontrollers are having a significant growth of the market. By region, North America holds a dominant position during the forecast period due to the significant presence of prominent players in the region including Analog Devices, Inc., Maxim Integrated Products Inc., ON Semiconductor, Qualcomm Inc., Intel Corporation, and Texas Instruments Inc. is one of the primary reasons for the growth within this region.

Some of the key players in Application Specific Integrated Circuits market include

Analog Devices, Inc., Infineon Technologies AG, Intel Corporation, Maxim Integrated Products Inc., NXP Semiconductors N.V., ON Semiconductor, Qualcomm, Inc., Renesas Electronics, STMicroelectronics N.V. and Texas Instruments Incorporated.

Types Covered:

Programmable ASIC

Full custom

Semi%li%Custom Design

End Users Covered:

IT & Telecommunication

Industrial

Consumer Electronics

Healthcare

Automotive

Other End Users

Regions Covered:

North America

US

Canada

Mexico

## Europe

Germany

UK

Italy

France

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

## South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

## **WHAT OUR REPORT OFFERS:**

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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